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02-06-02

PTO/SB/05 (03-01)

Approved for use through 10/31/2002 OMB 0651-0032

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# UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. 1082-004

First Inventor Seidner et al

Title STATIC DISSIPATIVE MOLD RELEASE AND AND USE IN CASTING  
AND MOLDING PROCESSES

Express Mail Label No. EV054088717US

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification {Total Pages 28 }  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the invention
  - Brief Summary of the invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) {Total Sheets 3 }  
5. Oath or Declaration {Total Pages 1 }
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)
  - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATIONS PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☒ Power of  
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76:

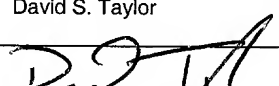
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. \_\_\_\_ /  
Prior application information: Examiner \_\_\_\_\_ Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied  
under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference.  
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label or ☒ Correspondence address below  
(Insert Customer No. or Attach bar code label here)

Name	Sullivan Law Group				
Address	5060 North 40th Street Suite 120				
City	Phoenix	State	AZ	Zip Code	85018
Country	USA	Telephone	(602) 956-6161	Fax	(602) 956-6262

Name (Print/Type)	David S. Taylor	Registration No. (Attorney/Agent)	39,045
Signature		Date	February 4, 2002

Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any  
comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark  
Office, Washington, DC 20231 DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO Assistant Commissioner for  
Patents, Box Patent Application, Washington, DC 20231

**FEE TRANSMITTAL  
for FY 2002**

Patent fees are subject to annual revision.

**Complete if Known**

Application Number	Not Yet Assigned
Filing Date	February 4, 2002
First Named Inventor	Seidner
Examiner Name	Not Yet Assigned
Group / Art Unit	Not Yet Assigned
Attorney Docket No	1082-004

**TOTAL AMOUNT OF PAYMENT** (\$) 1524**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit AccountDeposit  
Account  
Number

01-0481

Deposit  
Account  
Name

Alliant Techsystems Inc

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, **except for the filing fee**  
to the above-identified deposit account**FEE CALCULATION****1. BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	740
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

**SUBTOTAL (1)**

(\$ 740)

**2. EXTRA CLAIM FEES**

	Extra Claims	Fee from below	Fee Paid
Total Claims 52 -20 ** = 32	X	18	= 576
Independent Claims 5 -3 ** = 2	X	84	= 168
Multiple Dependent 0	X	280	= 0

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)**

(\$ 744)

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17 (q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**

(\$ 40)

**SUBMITTED BY****Complete (if applicable)**

Name (Print/Type)

David S Taylor

Registration No. Attorney/Agent

39,045

Telephone

(602) 956-6161

Signature

Date

February 4, 2002

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

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Date of Deposit: February 4, 2002

I hereby certify that the attached Fee Transmittal for FY2002 is being deposited in duplicate with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed Assistant Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202-0327.

Anne K Hoole

2002 FEB 04 10:59:00

# Sullivan Law Group

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Federal Government Procurement Law

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Washington, D.C. 20005  
Telephone (202) 661-6114  
Facsimile (202) 661-6117

February 4, 2002

***Via Express Mail***

BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
U.S. Patent and Trademark Office  
Washington, D.C. 20231

***Re: Filing New Utility Patent Application Entitled "STATIC  
DISSIPATIVE MOLD RELEASE AGENT AND USE IN  
CASTING AND MOLDING PROCESSES"  
Our Ref.: 1082-004***

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Dear Sir:

We hereby submit the following documents in connection with the filing of this new utility patent application entitled "STATIC DISSIPATIVE MOLD RELEASE AGENT AND USE IN CASTING AND MOLDING PROCESSES" inventors Nathan M. Seidner and Jon L. Rackham:

1. Utility Patent Application Transmittal (1 sheet);
2. Specification and Claims (27 pages) including 5 independent claims and 52 claims total;
3. Abstract of the Disclosure (1 page);
4. Informal Drawings (5 figures on 3 pages);
5. Declaration and Power of Attorney (1 page);
6. Recordation Form Cover Sheet, with Patent Rights Assignment (4 pages);
7. Fee Transmittal (1 page, 2 copies); and

Assistant Commissioner for Patents  
February 4, 2002  
Page 2

8. Postcard for receipt acknowledgment.

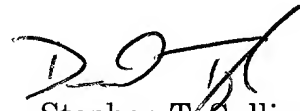
If there are any other fees due in connection with the filing of this application or otherwise relating to this application, please charge the fees to Deposit Account No. 01-0481.

This application claims the benefit of priority of U.S. Provisional Application No. 60/247,961 filed in the U.S. Patent & Trademark Office on February 9, 2001, the complete disclosure of which is incorporated herein by reference.

Please accord this application a serial number and the filing date of **February 4, 2002.**

Please contact the undersigned if you have any questions or wish to discuss this matter.

Sincerely,

  
Stephen T. Sullivan  
David S. Taylor

STS/DST/akh  
Enclosures

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Date of Deposit: February 4, 2002

I hereby certify that the attached application and other documents listed above are being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed, BOX PATENT APPLICATION, Assistant Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202-0327.

  
\_\_\_\_\_

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I hereby certify that the attached Declaration and Power of Attorney is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed Assistant Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202-0327.

Anne K Hoole

20100204 21699001

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Date of Deposit: February 4, 2002

I hereby certify that the attached drawing figures are being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed Assistant Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202-0327.

Anne K. Hools

200504-0940